

Date:

11/11/21

Batch No:

M119686

Supplier:

74468/enthrwrr

Dart P/O:

15932

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No
 Shipment Complete: Yes No N/A
 QC6 Inspection
 Work Order *S. Lutz*
 N/A
 N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 *L*

Production/Admin:

11/11/21

Location *L*

Date

Received/Costing

Initial

L

I N V O I C E

RECEIVED NOV 23 2011

No. PEC IV-586017

Date: 21Nov11

Sold By:

THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Remit to:

THYSSENKRUPP MATERIALS NA
 c/o T27540
 P. O. BOX 4275, POSTAL STATION 'A'
 TORONTO, ONTARIO M5W 5V8

Sold To: (20115)

DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Shipped To: (1)

DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Shp Dt 21Nov11 Ord Dt 11Nov11 SO No ST-388968 B/L PEC 739887
 Trm NET 30 DAYS/NET 30 JOURS PO/Rel 15432
 Frt PREPAID Via VIM TRANSFER FOB COMNCORD
 Slp STAN IVERS (905-532-1350) Pbl

1 ALUMINUM SHEET 6061-0	1 PCS	22 LBS
.0320 Nom X 48.0000" X 144.0000"		
MATERIAL	1 PCS @	165.0000 EA
ENERGY & CAP SURCHG		25.0000 LOT
SKID		25.0000 LOT

Interest will be charged at 1.5% per month or
 18% per year on overdue accounts.

*** SALES DEPT. OFFICE HOURS ***
 7: 30 AM TO 5: 00 PM - MONDAY TO FRIDAY

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9: 00 AM TO 4: 00 PM ***

*** PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER. ***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

TPS/GST TVH/HST 140223934 RT0001

TVQ - QST 1017327981 TQ0001

 Material / Processing Freight Other Taxes TOTAL DUE
 165.00 50.00 27.95 242.95

Taxes: ONHSTS 27.95

Page: 1 Last

ENTERED NOV 30 2011
 PAID

DEC 21 2011

9917

Purchase Order Receipt Listing

Monday, November 21, 2011 7:30:37 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO15432 Receipt Dates from 11/21/2011 to 11/21/2011 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID Req	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO15432 CAD	1 No	VC-COP001 M60610S.032 6061.0 SHEET .032 119686	ThyssenKrupp Materials CA Ltd sf sf	11/18/2011 48.0000 DESJ02	11/21/2011 48.0000	48.0000 \$165.00	\$3.44 0.0000	0.0000 0.0000	0 0	\$165.00	

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

✓
11/21/2011
11/21/2011
11/21/2011
11/21/2011
11/21/2011

56

852

BILL OF LADING

No: PEC 739887

Ship Date 18Nov11 at 14:32 From PFW

Probill

Via VIM TRANSFER

FOB COMNCORD

Fr. PREPAID

Route 0- 0 Manifest

Vhicle Trailer

Slip STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Tel: 613-632-9577 Fax: 613-632-1053

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

BILL OF LADING

1) Our Order PEC-388968- 1 Your PO # 15432

ALUMINUM SHEET 6061-0

.0320 Nom X 48.0000" X 144.0000"

Heat Number	Tag No
L03917A	10615

Quantity	PCS	Wt LBS
48.00 SFT	1	22

Tags	PCS	LBS
TOTAL: 1	1	22

MTR

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 SKID G.W. 172 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

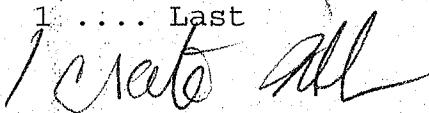
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Page: 1 ... Last



TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
 MERCHANTISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO15432**

Purchase Order Date 11/11/11
PO Print Date 11/11/11

Page Number 1 of 1

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Buyer Chantal Lavoie

Vendor Fax 905 738 9033

Requisition Nbr 10127-2607

Vendor Account Nbr

Tax Resale Nbr Net 30

Terms Net 30

Currency CAD

FOB Destination-Collect

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

11/11/11

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M60610S.032	6061 0 SHEET .032	11/18/11 Yes	48.00 sf	Yours ppd	\$3.4375	\$165.00

Special Inst: MATERIAL: 6061-0S ALUMINUM SHEET
AS PER
AMS-QQ-A-250/11 OR AMS 4025

2	M304B0.375X03.000	M304 SS bar .375 x 3.00	11/18/11 Yes	12.00 sf	Yours ppd	\$13.9500	\$167.40
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Special Inst: MATERIAL: AISI 304/316 SS BAR OR
AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240
NOTE: AISI 303 NOT ACCEPTABLE

PO Total: \$332.40

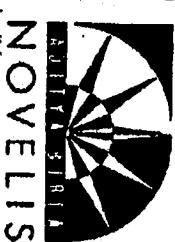


No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 11/11/11

Material Certificate



Ship To Address CHARLESTON ALUMINUM

Sold To Address CHARLESTON ALUMINUM
480 FRONTAGE RD.

Novelis Order #: 6650403

Customer Part

Package #:

Coil #:

Alloy:

6061

526088556
L03817A

Temper

O

Gauge

0.0320

Width

48

Length

5,177

Product No: 081251P03
Cust P.O: 1020-ATL
Mechanical Specifications: ASTMB209-07, AMS-QQA-250/11-97, AMS4025L
Cash Date: 7/31/2011 1:26:00 PM
Processed Date: 7/31/2011 1:26:00 PM
Package Net Wgt: 8,796 LBS
Novelis Inc.
1 LAPPAN'S LANE
P.O. BOX 2000
KINGSTON, ON K7L 4Z5

Test Results

Sample Location

Position

TestDegree

Tensile Gauge

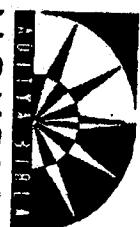
Value

UOM

BACK/ ID	ELONGATION 90 DEGREES	10.0000	4
BACK/ ID	ELONGATION 90 DEGREES	25.0000	%
BACK/ ID	ELONGATION 90 DEGREES	28.0000	%
BACK/ ID	TENSILE THICKNESS 90 DEGREES	0.0305	in
BACK/ ID	TENSILE THICKNESS 90 DEGREES	0.0307	in
BACK/ ID	TENSILE THICKNESS 90 DEGREES	0.0307	in
BACK/ ID	UTS 90 DEGREES	18.1500	ksi
BACK/ ID	UTS 90 DEGREES	38.0200	ksi
BACK/ ID	UTS 90 DEGREES	46.8000	ksi
BACK/ ID	UTS 90 DEGREES	12.0000	ksi
BACK/ ID	UTS 90 DEGREES	20.0800	ksi
BACK/ ID	UTS 90 DEGREES	42.8000	ksi
FRONT/ OD	ELONGATION 90 DEGREES	11.0000	%
FRONT/ OD	ELONGATION 90 DEGREES	26.0000	%
FRONT/ OD	TENSILE THICKNESS 90 DEGREES	0.0305	in
FRONT/ OD	TENSILE THICKNESS 90 DEGREES	0.0305	in
FRONT/ OD	TENSILE THICKNESS 90 DEGREES	0.0306	in
FRONT/ OD	UTS 90 DEGREES	18.1000	ksi

AL-LL01621

Material Certificate



FRONT/ OD	UTS 90 DEGREES	38.0600	ksi
FRONT/ OD	UTS 90 DEGREES	45.9200	ksi
FRONT/ OD	YTS 90 DEGREES	9.9400	ksi
FRONT/ OD	YTS 90 DEGREES	20.3500	ksi
FRONT/ OD	YTS 90 DEGREES	42.9100	ksi

Chemical Composition(%)

SI	FE	CU	MN	MG	CR	NI	ZN	TI	BE	AL	EA	TT
0.5800	0.4800	0.2700	0.0100	0.9100	0.1600	0.0000	0.0100	0.0100	0.0000	97.5700	0.0000	0.0000

I Certify that the materials detailed herein have been tested and that documentary evidence of the test or release certificate is on file

Per

Process Leader

August 24, 2011

RE: Novelis coll L03917A/B

Aluminum Ingot cast in Canada
Hot rolling processes performed in USA
Cold rolling processes performed in Canada



Yemi Akangbe
Product Metallurgist

COPPER AND BRASS SALES**MATERIAL TYPE****ALUMINIUM ALLOYS****PRODUCT DESIGNATION****1100 1350 3003 3004 3105 5005 5083 5086 5182 5454 6061 6063****"WARNING"**

SMALL CHIPS, FINE TURNINGS AND DUST MAY IGNITE READILY. EXPLOSIONPOTENTIAL MAY BE PRESENT WHEN:DUST OR FINES ARE DISPERSED IN THE AIR; FINE, DUST OR MOLTEN ALUMINUMARE IN CONTACT WITH CERTAINMETAL OXIDES; OR, CHIPS, FINES, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH WATER OR MOISTURE. KEEP AWAY FROM IGNITION SOURCE. USE EXPLOSION- PROOF VENTILATION. KEEP MATERIAL DRY.

INHALING LARGE AMOUNTS OF COPPER, MAGNESIUM OXIDE, MANGANESE OXIDE, AND ZINC OXIDE FUMES OR DUST MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS. CHRONIC OVEREXPOSURE TO COPPER MAY CAUSE THICKENING OF THE SKIN; AND SKIN,TEETH,AND HAIR DISCOLORATION. CHRONIC OVEREXPOSURE TO MANGANESE DUST CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE,SCARRING OF THE LUNGS AND REPRODUCTIVE HARM IN MALES.TARGET ORGAN IS PRIMARILY THE LUNG,BUT REPEATED HIGH EXPOSURE CAN ALSO AFFECT THE LIVER.CHRONIC OVEREXPOSURE TO TIN DUST OR IRON OXIDE DUST/FUME MAY CAUSE LUNG SIDEROSIS.CHRONIC OVEREXPOSURE TO SILICON DUST CAN CAUSE CHRONIC BRONCHITIS.

THIS PRODUCT ALSO CONTAINS LEAD AND CHROMIUM COMPOUNDS.LEAD IS KNOWN TO CAUSE REPRODUCTIVE TOXICITY AND IS A KNOWN CARCINOGEN.EXPOSURE TO CHROMIUM DUST OR FUME MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS AND KIDNEY AND KIDNEY AND LIVER DAMAGE.UNDER HIGH TEMPERATURES,HEXAVALENT CHROMIUM MAY BE PRODUCED,IF INTHE INSOLUBLE FORM,IT IS A CONFIRMED HUMAN CARCINOGEN. (CALIFORNIA PROPOSITION 65). IF COATED WITH OIL,MAY CAUSE SKIN IRRITATION/DERMATITIS BY CONTACT. WELDING FUME IS LISTED AS A POSSIBLE CARCINOGENIC TO HUMANS.READ THE ALUMINUM/ALUMINUM ALLOYS MATERIAL SAFETY DATA SHEET(MSDS) ON FILE WITH YOUR EMPLOYER BEFORE WORKING WITH THIS MATERIAL.

* If processing or recycling produces particulate,use exhaust ventilation or other controls designed to prevent exposure to workers. Examples of such activities include melting, welding,grinding,abrasive sawing,sanding and polishing.Any activity which abrades the surface of this material can generate airborne particulate.Use appropriate NIOSH approved respiratory protection (P95; P100 for lead with, quantitative fit testing required) if exposures exceed the permissible limits.

* The Occupational Safety and Health Administration (OSHA) have set mandatory limits on occupational exposures.

* Aluminum, in solid form and as contained in finished products presents no special health risk.

* Sold for manufacturing purposes only.This product can be recycled; contact your sales representative.

The Occupational Safety and Health Administration require employers to provide training in the proper use of this product.

For additional information, call or write to Copper and Brass Sales,22355 West Eleven Mile Road, Southfield, MI 48033,telephone248-233-5600, or visit our web site @ www.copperandbrass.com.